

GREENE COUNTY -- G 644

421903074152301. Local number, G 644.

LOCATION.--Lat 42°19'03", long 74°15'23", Hydrologic Unit 02020005, at Windham.  
 Owner: Town of Windham.

AQUIFER.--Confined aquifer in Catskill sandstone and shale of Devonian age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 352 ft, cased to 26 ft.

INSTRUMENTATION.--Water-stage recorder--hourly.

DATUM.--Elevation of land-surface datum is 1,720 ft above NGVD of 1929, from topographic map. Measuring point: Top of casing, 1.10 ft above land-surface datum.

PERIOD OF RECORD.--March 1991 to April 1992, April 2003 to current year. Records prior to April 2003 are unpublished and available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 18.70 ft below land-surface datum, Dec. 25, 2003; lowest, 26.10 ft below land-surface datum, Sept. 4, 1991.

EXTREMES FOR CURRENT YEAR.--Highest water level, 18.70 ft below land-surface datum, Dec. 25; lowest, 21.26 ft below land-surface datum, Feb. 29, Mar. 1.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE  
 WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004  
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19.96	19.48	19.22	18.96	19.34	21.21	19.70	19.10	19.65	20.04	20.47	20.30
2	19.93	19.48	19.25	19.02	19.45	21.06	19.54	19.09	19.60	20.06	20.46	20.31
3	19.91	19.48	19.30	19.03	19.48	20.96	19.48	19.05	19.58	20.10	20.46	20.32
4	19.88	19.46	19.33	19.01	19.46	21.04	19.43	19.04	19.59	20.20	20.47	20.33
5	19.86	19.44	19.35	18.98	19.53	20.93	19.41	19.06	19.63	20.29	20.43	20.36
6	19.88	19.42	19.30	18.98	19.54	20.73	19.41	19.08	19.62	20.29	20.44	20.39
7	19.90	19.44	19.28	19.00	19.50	20.63	19.39	19.12	19.61	20.32	20.44	20.39
8	19.90	19.47	19.30	19.02	19.58	20.53	19.37	19.18	19.60	20.37	20.44	20.38
9	19.92	19.53	19.33	19.05	19.68	20.46	19.37	19.18	19.58	20.44	20.48	20.26
10	19.93	19.57	19.35	19.10	19.67	20.44	19.42	19.18	19.53	20.51	20.52	20.26
11	19.95	19.56	19.15	19.14	19.65	20.39	19.44	19.18	19.52	20.59	20.55	20.33
12	19.95	19.53	19.03	19.14	19.65	20.29	19.46	19.20	19.52	20.64	20.52	20.36
13	19.95	19.45	19.06	19.15	19.65	20.27	19.38	19.21	19.54	20.66	20.30	20.38
14	19.96	19.44	19.07	19.17	19.65	20.28	19.29	19.22	19.54	20.65	20.30	20.41
15	19.81	19.49	18.96	19.18	19.72	20.24	19.29	19.23	19.54	20.63	20.34	20.43
16	19.82	19.56	18.98	19.19	19.91	20.20	19.31	19.25	19.57	20.65	20.28	20.43
17	19.87	19.61	18.94	19.24	20.10	20.11	19.32	19.30	19.59	20.67	20.26	20.36
18	19.89	19.64	18.85	19.30	20.29	20.08	19.32	19.32	19.59	20.66	20.25	19.89
19	19.89	19.62	18.86	19.36	20.45	20.08	19.29	19.36	19.60	20.69	20.24	19.89
20	19.91	19.35	18.89	19.44	20.61	20.08	19.27	19.42	19.64	20.69	20.25	19.91
21	19.88	19.35	18.93	19.41	20.80	20.12	19.26	19.43	19.68	20.73	20.28	19.90
22	19.85	19.37	18.95	19.33	20.99	20.24	19.25	19.42	19.70	20.79	20.43	19.89
23	19.84	19.38	18.96	19.29	20.98	20.22	19.21	19.40	19.72	20.74	20.50	19.89
24	19.87	19.36	18.84	19.26	20.88	20.18	19.18	19.38	19.80	20.64	20.47	19.89
25	19.95	19.32	18.71	19.28	20.81	20.14	19.18	19.33	19.83	20.75	20.48	19.88
26	19.98	19.33	18.72	19.32	20.78	20.09	19.12	19.33	19.82	20.79	20.47	19.88
27	19.84	19.35	18.77	19.30	20.88	20.02	19.07	19.30	19.84	20.74	20.47	19.89
28	19.69	19.30	18.85	19.23	21.08	19.98	19.07	19.30	19.90	20.62	20.44	19.77
29	19.51	19.16	18.88	19.22	21.23	19.96	19.08	19.45	19.94	20.60	20.38	19.68
30	19.45	19.19	18.87	19.21	---	19.93	19.10	19.69	19.99	20.58	20.36	19.64
31	19.48	---	18.91	19.24	---	19.83	---	19.74	---	20.54	20.29	---
MEAN	19.85	19.44	19.04	19.18	20.12	20.35	19.31	19.28	19.66	20.54	20.40	20.13
MAX	19.98	19.64	19.35	19.44	21.23	21.21	19.70	19.74	19.99	20.79	20.55	20.43
MIN	19.45	19.16	18.71	18.96	19.34	19.83	19.07	19.04	19.52	20.04	20.24	19.64

GROUND-WATER LEVELS  
GREENE COUNTY -- G 644—Continued